

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S53	4	("4034380").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/20 15:56
S54	1	"63141750"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/21 09:17
S55	4	("4034380").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/21 08:39
S56	2	("20050128232").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/21 09:19
S57	2	("20050122360").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/21 09:31
S58	2	("20040252151").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/21 09:32
S59	1426	"347"/\$.ccls. and ((detect\$3 determin\$3 recover\$3) with (air) same (ink liquid fluid))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 09:37
S60	47	"347"/\$.ccls. and ((detect\$3 determin\$3 recover\$3) with (air) same (ink liquid fluid)) same vibration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 09:37

## EAST Search History

S61	69	"347"/\$.ccls. and ((detect\$3 determin\$3 recover\$3) with (air) same (ink liquid fluid)) same vibrat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 09:46
S62	24	"347"/\$.ccls. and ((detect\$3 determin\$3 recover\$3) with (air adj bubble) same (ink liquid fluid)) same vibrat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 09:37
S63	9	"347"/\$.ccls. and ((eject\$3 near fail\$4) with (vibrat\$3 near pattern))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 09:48
S64	9	"347"/\$.ccls. and ((eject\$3 near fail\$4) same (vibrat\$3 near pattern))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 09:48
S65	45	"347"/\$.ccls. and ((eject\$3 near fail\$4) same (vibrat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 10:00
S66	36	S65 not S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 09:48
S67	9	"347"/\$.ccls. and ((air) same (vibrat\$3 with diaphragm with (short\$3 long\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 09:58
S68	65	"347"/\$.ccls. and ((eject\$3) same (residual near vibrat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 10:01

## EAST Search History

S69	12	"347"/\$.ccls. and ((eject\$3) same (residual near vibrat\$3)) same (air)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 10:01
S70	415	"347"/\$.ccls. and ((eject\$3) same (vibrat\$3)) same (air)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 10:01
S71	403	S70 not S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 10:02
S72	386	S71 not S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 10:02
S73	386	S72 not S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 10:22
S74	148	S73 not silverbrook.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 10:16
S75	19	"347"/\$.ccls. and (oscillat\$4 with circuit) same (capacit\$4) same (vibrat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 10:24
S76	49	"347"/\$.ccls. and (oscillat\$4) same (capacit\$4) same (vibrat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 10:25

## EAST Search History

S77	30	S76 not S75	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 10:25
S78	1	"63141750"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/06 15:56
S79	2	"20040239714"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/06 15:57
S80	3783	"347"/\$.ccls. and ((dust particle dirt debris) with nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 16:01
S81	184	"347"/19.ccls. and ((dust particle dirt debris) with nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 15:59
S82	120	"347"/\$.ccls. and ((dust particle dirt debris) with nozzle) same vibration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 16:16
S83	9	"347"/\$.ccls. and ((dust particle dirt debris) with nozzle) same vibration same diaphragm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 16:01
S84	2	("20040252151").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/06 16:16

## EAST Search History

S85	2	("20040252144").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/07 16:39
S86	2	("6474774").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/07 16:39
S87	2	("20050128232").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 11:36
S88	1	"63141750"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 11:36